

DETAILED ACTION

Current Status

1. This action is responsive to Applicants' amendment of 9 September 2008.
2. Receipt and entry of Applicants' amendment is acknowledged.
3. Claims 1-9 and 13 are pending in the application.

The 112 and 102 rejections of claims 1 and 13 are withdrawn following Applicants amendment.

**This application is a 371 of PCT/US03/18962 06/12/2003
which claims benefit of 60/388,255 06/13/2002
and claims benefit of 60/444,429 02/03/2003**

Examiner's Amendment

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Edward Robinson on 10/17/2008.

The Application has been amended as follows:

Claims 10-12 and 15-21 have been cancelled.

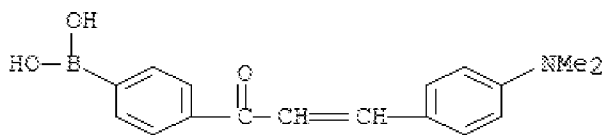
Allowed Claims

Claims 1-9 and 13 are allowable over the prior art of record.

Reason For Allowance

The following is an examiner's statement of reasons for allowance: A search of the prior art failed to uncover any reference that anticipates or renders obvious boronic acid compounds as claimed by applicants.

The closest prior art is DiCesare et al., {Chalcone-analogue fluorescent probes for saccharides signaling using the boronic acid group, Tetrahedron Letters (2002), 43(14), 2615-2618}. However, DiCesare et al. teach a compound wherein the phenyl ring is substituted with an amine group (formula 1) while Applicants claim a compound wherein the variable Ar is substituted with heteroalkyl group.



formula 1

These are two different compounds and they are expected to possess different chemical and physical properties. The difference is not readily apparent and would not have been suggested to one of ordinary skill. Therefore, the instant claims are not anticipated nor rendered obvious by DiCesare et al.

Claims 1-9 and 13 are allowed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance".

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chukwuma O. Nwaonicha whose telephone number is 571-272-2908. The examiner can normally be reached on Monday thru Friday, 8:30am to 5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Daniel Sullivan can be reached on 571-272-0779. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Chukwuma O. Nwaonicha/
Examiner, Art Unit 1621

/Daniel M Sullivan/
Supervisory Patent Examiner, Art Unit 1621